



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
EMERGENCY RESPONSE BRANCH
2525 N. SHADELAND AVENUE, SUITE 100
INDIANAPOLIS, IN 46219

REPLY TO ATTENTION OF:
SE-GI

July 15, 2011

Mr. Dale Koch
Veolia Water Indianapolis LLC
1220 Waterway Blvd.
Indianapolis, IN 46202

RE: West Vermont Site
Indianapolis, Marion County, Indiana

Dear Mr. Koch:

The United States Environmental Protection Agency (EPA) is planning to conduct time-critical removal activities at the West Vermont Site (or the Site) to mitigate an imminent and substantial threat to human health. EPA and Marion County Public Health Department (MCPHD) identified twenty-five residential properties on private drinking water wells that have been impacted or have the potential to be impacted by a plume of vinyl chloride. These properties are located at Ex. 6 personal privacy

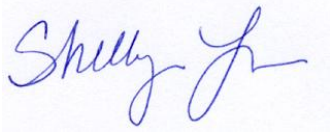
Ex. 6 personal privacy (see attached figure).

During periodic sampling of the neighborhood, MCPHD discovered the presence of vinyl chloride at three of these residences at concentrations as high 62.7 micrograms per liter ($\mu\text{g/L}$), which exceeds EPA's Maximum Contaminant Level (MCL) of 2 $\mu\text{g/L}$ for vinyl chloride. MCPHD analytical results are summarized in a table attached to this letter.

Vinyl chloride is a hazardous substance, as defined by Section 101(14) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The U.S. Department of Health and Human Services has determined that vinyl chloride is a known carcinogen. In addition to ingestion, there is potential exposure to inhalation of vinyl chloride vapors via use of water for cooking, showering, and bathing. Breathing vinyl chloride for long periods of time can result in permanent liver damage, immune reactions, nerve damage, and liver cancer.

Based on this threat to human health, EPA recommends connecting these residential properties to a municipal drinking water supply. EPA would like to discuss this with you at your earliest opportunity. Please contact me at Lam.Shelly@epa.gov or (317) 417-0980.

Sincerely,

A handwritten signature in blue ink, appearing to read "Shelly Lam", with a stylized flourish at the end.

Shelly Lam, LPG
Federal On-Scene Coordinator

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Address	Sample Date	First Name	Last Name	Comments
Properties in yellow have documented Vinyl chloride contamination in well water.				
Ex. 6 personal privacy				
				Trailer Park on City Water
				Trailer Park on City Water
				Vacant
				city water, parcel
				Vacant
	6 23 09			E.coli Present, Below MCL
	7/20/2009			Bacteria satisfactory
	6 17 09			E. coli/coliform, Below MCL
	7/20/2009			Coliform
	8/5/2009			E. coli/coliform
	1/6/2011			Below MCL
	8/27/2009			Coliform, Below MCL
	11/2/2009			Coliform, Below MCL
	6 23 09			Satisfactory, Below MCL
	6 29 09			Coliform, Below MCL
	7/20/2009			Coliform present
	9/17/2009			Satisfactory for bacteria
	6 17 09			E. coli/coliform, Below MCL
	8/20/2009			E. coli/coliform
	9/17/2009			E. coli/coliform
	11/2/2009			Coliform, Below MCL
	12/22/2011			Below MCL
				Vacant lot
	6 17 09			Coliform, Below MCL
	12/23/2010			Toluene 2.2 ppb
	1/6/2011			Toluene 0.64 ppb
	6 17 09			E. coli/coliform, Below MCL
	6 29 09			Coliform, Below MCL
	7/8/2009			Coliform, E. coli
	7 27 09			E.coli 9.9/Colif >200 mpn

Address	Sample Date	First Name	Last Name	Comments
Properties in yellow have documented Vinyl chloride contamination in well water.				
	7 27 09			Coliform, Below MCL
	9/17/2009			Coliform present
	8/5/2009			Below MCL
	12/29/2009			Below MCL
	12/10/2010			Below MCL
	7 27 09			Coliform, Below MCL
	1/13/2010			Below MCL
	1/6/2011			Below MCL
	11/20/2009			Vinyl chloride 54 ug/l, Satisfactory bact
	12/1/2009			VC 62.7 ug/l
	12/14/2009			VC 55.6 ug/l
	12/29/2009			VC 45.8 ug/l
	1/14/2010			VC 57.4 ug/l
	1/20/2010			VC 57.4 ug/l
	2/19/2010			VC 5.9 ug/l
	3/4/2010			Temporary treatment system
	3/25/2010			Temporary treatment system
	5/3/2010			Temporary treatment system
	9/15/2010			Temporary treatment system
	1/25/2011			Temporary treatment system
	7 22 09			Below MCL
	9 15 10			Below MCL
	10 18 10			Below MCL
	11 4 10			Below MCL
	3 26 08			Below MCL
	6 25 09			Below MCL
	6 11 09			Satisfactory, Below MCL
	6 11 09			Coliform, Below MCL
	7/6/2009			Satisfactory, Below MCL
	8 12 09			Satisfactory for bacteria
				Vacant
	7/8/2009			Below MCL

Address	Sample Date	First Name	Last Name	Comments
Properties in yellow have documented Vinyl chloride contamination in well water.				
	7 22 09			4 sale, < MCL
	7/29/2009			Below MCL
	12/11/2009			Below MCL
	5/27/2010			Below MCL
	11/4/2010			Below MCL
	6 11 09			colif/vinyl chl 2.1 ug/L
	6 25 09			vinyl chl 1.5 ug/L
	7 09 09			vinyl chl 1.5 ug/L
	7 20 09			vinyl chl 1.7 ug/L
	7 27 09			0.77 ug/L
	8 12 09			1.2ug/L
	8 27 09			1.8 ug/L
	9 3 09			.73 ug/L
	9 10 09			.85 ug/L
	9 17 09			.59 ug/L
	9 23 09			0.87 ug/L
	10 2 09			1.2 ug/L
	10/8/2009			1.9
	10/13/2009			2.2
	11/4/2009			0.54
	11/11/2009			1.1
	11/20/2009			0
	11/30/2009			0
	12/14/2009			2.5
	12/29/2009			0.056
	1/13/2010			0.53
	1/13/2010			2.6
	2/19/2010			1.1
	3/4/2010			2.9
	3/25/2010			Temporary treatment system
	5/6/2010			Temporary treatment system
	11/4/2010			Temporary treatment system
	6/11/2009			Vinyl Chloride 4.5 ug/L
	7 22 09			vinyl chl 5.1 ug/L
	7 27 09			vinyl chl 4.3 ug/L
	8 05 09			4.6 ug/L
	8 12 09			5.6 ug/L
	8 20 09			5.2 ug/L
	8 27 09			1.3 ug/L
	9 3 09			4.5 ug/L
	9 10 09			3.6 ug/L
	9 17 09			3.6 ug/L

Address	Sample Date	First Name	Last Name	Comments
Properties in yellow have documented Vinyl chloride contamination in well water.				
	9 23 09			3.4 ug/L
	10 2 09			3.6 ug/L
	10/8/2009			4.1
	10/13/2009			3.6
	11/4/2009			4.2
	11/11/2009			2.9
	11/30/2009			2.3
	12/14/2009			1.4
	12/29/2009			1.4
	3/25/2010			Temporary Treatment System
	5/3/2010			Temporary Treatment System
	9/15/2010			Temporary Treatment System
	11/4/2010			Temporary Treatment System
	12/10/2010			Temporary Treatment System